

Abstract**System for the Dynamical Providing and Commissioning,
in Particular of Pallets and Other Storing Units**

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A system for the dynamical providing of storing units with goods contained therein consists at least of:

- 10 - a storage area consisting of at least one rack module composed of at least two rack plates separated from each other by an alley, for storing the storing units in rack shelves;
- a floor-bound transport system with at least one vehicle;
- a store feeding system working floor-free and comprising at least one storing device that is designed and suited to take storing units with goods out of the rack shelves and to transport same above a driving track of said at least one vehicle in hanging to at least one commission-
15 ing shelf for the floor-bound transport system and, as the case may be, to transport other storing units back from this commissioning shelf;
- a control system that is designed such that it collects at least the occupancy data of the storing places and the movement and/or position data of the floor-bound vehicles and of the floor-free storing devices and that, by using this information, coordinates and controls the
20 substantial functions of placing in storage and/or returning to storage, storing and/or intermediately buffering, removing from storage and/or providing of the entire system.